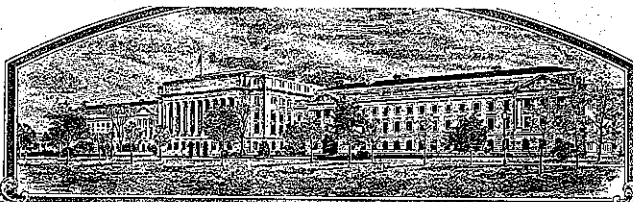


No.

200300255



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Monsanto Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED, (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE RIGHTS. (34 STAT.

1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 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2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the privacy Act of 1974 (5 U.S.C. 552a)

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421) Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER		3. VARIETY NAME	
Monsanto Company		M98-1661		Benton	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)		5. TELEPHONE (include area code)		PVPO NUMBER	
700 Chesterfield Parkway North St. Louis, Missouri 63198		636-737-6089		200300255	
		6. FAX (include area code)		DATE	
		636-737-7250		MAY 19, 2003	
7. GENUS AND SPECIES NAME		8. FAMILY NAME (Botanical)		FILING AND EXAMINATION FEE:	
Triticum aestivum		Gramineae		F E E S ① 2705.00 947.00	
9. CROP KIND NAME (common name)				DATE	
Soft Red Winter Wheat				① 5/19/2003 6/3/2003	
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (common name)				CERTIFICATION FEE	
Corporation				\$ 432.00	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION		DATE	
Delaware		1933		1/16/2004	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS				14. TELEPHONE (include area code)	
Ms. Sally Metz 700 Chesterfield Parkway North St. Louis, Missouri 63198				AND Dr. Rollin Sears 6515 Ascher Road Junction City, Kansas 66441	
				636-737-6089	
				15. FAX (include area code)	
				636-737-7250	
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (follow instructions on reverse)					
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety					
b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness					
c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety					
d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety					
e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership					
f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds, or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)					
g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to PVPO)					
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? (See Section 33(a) of the Plant Variety Protection Act)					
<input checked="" type="checkbox"/> YES (if "yes", answer items 18 and 19 below) <input type="checkbox"/> NO (if "no", go to item 20)					
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?					
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDERS SEED?					
<input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED					
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?					
<input type="checkbox"/> YES (if "YES", give names of countries and dates) <input checked="" type="checkbox"/> NO					
21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.					
The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.					
Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.					
SIGNATURE OF APPLICANT (Owner(s))			SIGNATURE OF APPLICANT (Owner(s))		
NAME (Please print or type)			NAME (Please print or type)		
Sally Metz					
CAPACITY OR TITLE		DATE		CAPACITY OR TITLE	
Director Wheat Technology					

Exhibit A.

Origin and Breeding History of Benton

Benton is a soft red winter wheat developed by Agripro Wheat located at Brookston IN. It was derived from a cross-made in the 1992 spring greenhouse using Pioneer 2510 and 90M*7742 (77*42-80 /SW78-171). 77*42-80's pedigree is Hart/Ruler and SW78-171's pedigree is Knox/SRW14-74A (SRW14-74A is an Agripro breeding line). A bulk breeding method was used to develop Benton. F1, F2, F3 and F4 populations were grown in Indiana. From the F4 bulk 125 heads were randomly selected for height and plant health and were planted as head rows. A single F5 head row was advanced to preliminary yield testing as an F6 in 1998. Benton was advanced on the criteria short height, disease resistance and excellent yield performance.

In 2000, 100 headrows were grown in Lafayette, IN and evaluated for phenotypic similarity. All 100 rows were selected and bulk harvested. A 0.2 acre initial Breeders seed increase was grown in Colorado in 2001. A 4.0 acre Breeders seed increase was grown in Hereford TX in 2002. Foundation seed was planted in the Fall of 2002.

Benton has been uniform and stable since 2001. Less than 0.8% of the plants were rogued from the Breeders seed increase in 2002. Approximately 84% of the rogued variant plants were taller height wheat plants (8 to 15 cm) and 6% were awned. Up to 1% variant plants may be encountered in subsequent generations.

Exhibit B.
Statement of Distinctness

Benton is most similar to the soft red winter wheat 'Shiloh'. However it can be distinguished by the following characteristics

- Benton has a wide glume width (Berthoud, CO 2001, 2002). Shiloh has a medium glume width (Berthoud, CO 2001, 2002).
- Benton has long brush hairs on the seed and occupies a large area of the seed (Berthoud, CO 2001, 2002). Shiloh has a medium brush length on the seed and occupies a medium area of the seed (Berthoud, CO 2001, 2002).
- Benton is apically awnletted (Berthoud, CO 2001, 2002). Shiloh is awnletted (Berthoud, CO 2001, 2002).

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* Spp.)

NAME OF APPLICANT(S)

Monsanto Company

FOR OFFICIAL USE ONLY

PVPO NUMBER

200300255

ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code)

700 Chesterfield Parkway North

St. Louis, Missouri 63198

NAME OR EXPERIMENTAL
DESIGNATION

Benton

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in the first box when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized standard may be used to determine plant colors; designate system used.

Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

1 1=Common 2=Durum 3=Club 4=Other (specify)

2. VERNALIZATION:

2 1=Spring 2=Winter 3=Other (specify)

3. COLEOPTILE ANTHOCYANIN:

1 1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

2 1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (boot stage):

3 1 = Yellow-Green 2 = Green 3 = Blue-Green

6. FLAG LEAF (boot stage):

1 1 = Erect 2 = Recurved

2 1 = Not Twisted 2 = Twisted

7. EAR EMERGENCE:

0 0 Number of Days Earlier Than *

0 3 Number of Days Later Than

Patton *

8. ANTHOR COLOR:

1 1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT (from soil to top of head, excluding awns):

0 0 cm Taller Than *

0 4 cm Shorter Than

Patton *

* Relative to a PVPO-Apprvd Commercial Variety Grown in the Same Trial

10. STEM:

A. ANTHOCYANIN

1 1= Absent 2=Present

B. WAXY BLOOM

2 1=Absent 2=Present

C. HAIRINESS (*last internode of rachis*)

2 1=Absent 2=Present

D. INTERNODE (*specify number*)

1 1=Hollow 2=Semi-solid 3=Solid

E. PEDUNCLE

1 1=Erect 2=Recurved

0 5 cm Length

11. HEAD (*at Maturity*):

A. DENSITY

2 1=Lax 2=Middense 3= Dense

B. SHAPE

1 1 = Tapering 2= Strap 3 = Clavate 4 = Other (*specify*)

C. CURVATURE

2 1 = Erect 2 = Inclined 3 =Recurved

D. AWNEDNESS

2 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

12. GLUMES (*at Maturity*):

A. COLOR

1 1 = White 2 = Tan 3 = Other (*specify*)

B. SHOULDER

2 1 = Wanting 2 = Oblique 3 = Rounded 4 = Square 5 = Elevated 6 = Apiculate

C. BEAK

1 1 = Obtuse 2 = Acute 3 =Acuminate

D. LENGTH

2 1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long (ca. 9mm)

E. WIDTH

3 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide (ca. 4mm)

13. SEED:

A. SHAPE

1 1 = Ovate 2 = Oval 3 = Elliptical

B. CHEEK

1 1=Rounded 2=Angular

C. BRUSH

3 1=Short 2=Medium 3=Long

1 1 = Not Collared 2 = Collared

D. CREASE

1 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel

1 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

13. SEED: (continued)

E. COLOR

☒ 3 1 = White 2 = Amber 3 = Red 4 = Other (specify) _____

F. TEXTURE

☒ 2 1=Hard 2=Soft

G. PHENOL REACTION (see instructions):

☒ 0 1 = Ivory 2 = Fawn 3 = Light Brown 4 = Dark Brown 5 = Black

14. DISEASE: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant 5=moderately resistant
PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED 6=moderately susceptible)

<input checked="" type="checkbox"/> 0 Stem Rust (<i>Puccinia graminis</i> f. sp. <i>tritici</i>) Field races	<input checked="" type="checkbox"/> 0 Leaf Rust (<i>Puccinia recondita</i> f. sp. <i>tritici</i>) Field races
<input checked="" type="checkbox"/> 0 Stripe Rust (<i>Puccinia striiformis</i>)	<input checked="" type="checkbox"/> 0 Loose Smut (<i>Ustilago tritici</i>)
<input checked="" type="checkbox"/> 3 Tan Spot (<i>Pyrenophora tritici-repentis</i>)	<input checked="" type="checkbox"/> 0 Flag Smut (<i>Urocystis agropyri</i>)
<input checked="" type="checkbox"/> 0 Halo Spot (<i>Selenophoma donacis</i>)	<input checked="" type="checkbox"/> 0 Common Bunt (<i>Tilletia tritici</i> or <i>T. laevis</i>)
<input checked="" type="checkbox"/> 0 <i>Septoria nodorum</i> (Glume Blotch)	<input checked="" type="checkbox"/> 0 Dwarf Bunt (<i>Tilletia controversa</i>)
<input checked="" type="checkbox"/> 0 <i>Septoria avenae</i> (Speckled Leaf Disease)	<input checked="" type="checkbox"/> 0 Karnal Bunt (<i>Tilletia indica</i>)
<input checked="" type="checkbox"/> 0 <i>Septoria tritici</i> (Speckled Leaf Blotch) Field races	<input checked="" type="checkbox"/> 5 Powdery Mildew (<i>Erysiphe graminis</i> f. sp. <i>tritici</i>) Field races
<input checked="" type="checkbox"/> 1 Scab (<i>Fusarium</i> spp.)	<input checked="" type="checkbox"/> 0 Snow Molds
<input checked="" type="checkbox"/> 0 Black Point (Kernel Smudge)	<input checked="" type="checkbox"/> 0 Common Root Rot (<i>Fusarium</i> , <i>Cochliobolus</i> and <i>Bipolaris</i> spp.)
<input checked="" type="checkbox"/> 0 Barley Yellow Dwarf Virus (BYDV)	<input checked="" type="checkbox"/> 0 Rhizoctonia Root Rot (<i>Rhizoctonia solani</i>)
<input checked="" type="checkbox"/> 5 Soilborne Mosaic Virus (SBMV) Field races	<input checked="" type="checkbox"/> 0 Black Chaff (<i>Xanthomonas campestris</i> pv. <i>translucens</i>)
<input checked="" type="checkbox"/> 0 Wheat Yellow (Spindle Streak) Mosaic Virus Field races	<input checked="" type="checkbox"/> 0 Bacterial Leaf Blight (<i>Pseudomonas syringae</i> pv. <i>syringae</i>)
<input checked="" type="checkbox"/> 0 Wheat Streak Mosaic Virus (WSMV) Field races	<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Other (specify) _____	<input type="checkbox"/> Other (specify) _____

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

<input type="checkbox"/> 0	Hessian Fly (<i>Mayetiola destructor</i>)	<input type="checkbox"/>	Other (<i>specify</i>)
<input type="checkbox"/> 0	Stem Sawfly (<i>Cephus</i> spp.)	<input type="checkbox"/>	Other (<i>specify</i>)
<input type="checkbox"/> 0	Cereal Leaf Beetle (<i>Oulema melanopa</i>)	<input type="checkbox"/>	Other (<i>specify</i>)
<input type="checkbox"/> 0	Russian Aphid (<i>Diuraphis noxia</i>)	<input type="checkbox"/>	Other (<i>specify</i>)
<input type="checkbox"/> 0	Greenbug (<i>Schizaphis graminum</i>)	<input type="checkbox"/>	Other (<i>specify</i>)
<input type="checkbox"/> 0	Aphids		

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

None

Exhibit D.
Additional Description of Benton

Benton is a soft red winter wheat bred and developed by AgriPro Wheat. Benton is a medium height wheat with medium maturity and very good yield performance. Benton provides intermediate protection to Tan spot, is moderately resistant to Soilborne mosaic virus and Powdery mildew and is susceptible to Scab.

Juvenile growth habit is semierect. Plant color at boot stage is blue green at boot stage. Flag leaf at boot stage is erect and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is tapering and apically awnletted. Glumes are glabrous, wide in width and midlong in length with oblique shoulders and obtuse beaks. Seed shape is ovate. Brush hairs are long in length and occupy a large area of the seed tip. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded.

Benton is primarily adapted to Missouri, Kentucky, Illinois, Indiana, Ohio and Maryland.

AgriPro Wheat

SOFT WHEAT QUALITY SUMMARY

Year	LabNo	Loc-Code	Milling Quality			Baking Quality			
			Brk Flr	Tot Flr	Wht Prot	Flr Prot	C.Diam	T.G	Norris
			%	%	14%mb	14%mb	mm	R	Hard
M98-1661									
2001	4720	HN-91215	38.4	70.2	9.7	8.5	17.7	5	26
2000	7347	HN-91309	44.9	68.2	9.5	8.0	19.0	4	6
2000	7277	LF-91309	41.9	66.7	11.9	10.1	18.0	8	11
1999	7113	CI-81309	40.0	67.8	10.1	8.7	18.3	4	18
1999	7042	LF-81309	39.8	65.9	9.9	8.5	18.0	4	14
		Average	41.0	67.8	10.2	8.8	18.2	5	15

CALDWELL

2001	4716	HN-91229	41.4	71.2	9.8	8.3	19.2	3 27
2000	7346	HN-91301	48.2	69.9	9.3	7.6	20.0	2 6
2000	7276	LF-91301	42.7	68.3	11.5	9.6	19.3	4 11
1999	7111	CI-81301	41.1	68.4	10.3	8.9	18.8	3 19
1999	7040	LF-81301	41.9	67.9	10.9	9.7	18.0	5 12
		Average	43.1	69.1	10.4	8.8	19.1	3 15

Ratings: 1-2= Excellent 9-8=Unacceptable

Advanced yield testing has been conducted for the past 4 years in Agripro trials in Missouri, Arkansas, Illinois, Indiana, Ohio, and Maryland. M98-1661 is primarily adapted to Missouri, Kentucky, Illinois, Indiana, Ohio, and Maryland.

Yield data:

M98-1661	2002	2001	2000		
Bu/A	73	67	68		
% of mean	112%	108%	105%		
Reps	2	2	2		
# Locs	11	9	9		
ChecksHopewell	63	Patterson	62	Patterson	59
Patton	64	Patton	66	Patton	62
Pio 25R37	71	Pio 2540	64	Pio 2540	64
Roane	67	Roane	63	Caldwell	52

2002 Test locations: Findlay OH, Brookston IN, Ansonia OH, Marion OH, Pana IL, Sullivan IN, St. Jacobs IL, Haubstadt IN, Carmi IL, Sikeston MO, Jonesboro AR, Columbia MO, Wye MD and Keedysville MD.

2001 Test locations: Findlay OH, Marion OH, Woodburn IN, Ansonia OH, Pana IL, St. Jacobs, IL, Haubstadt IN, Carmi IL, Sikeston MO, Columbia MO and Bowling Green KY.

2000 Test location: Woodburn IN, Findlay OH, Ansonia OH, Lafayette IN, Pana IL, St. Jacobs IL, Sullivan IN, Haubstadt IN, Jonesboro AR and Columbia MO.

Test location: Woodburn IN, Findlay OH, Ansonia OH, Lafayette IN, Pana IL, St. Jacobs IL, Sullivan IN, Haubstadt IN, Jonesboro AR and Columbia MO.

	2002	2001	2000
Height			
M98-1661	37 in	37 in	35 in
Patton	39 in	39 in	37 in
Caldwell		41 in	

Heading	Julian days		
M98-1661	141	132	124
Patton	136	130	120
Caldwell	142	134	124

Test Weight	#/Bu.		
M98-1661	59	59	54
Patton	61	60	54
Caldwell	59	61	54

2002 Disease Notes {1-9 scale with 1 best}

	Tan Spot	Sept Nodorum	Sept tritici	Scab	BYDV	SBMV	Leaf Rust	Powdery Mildew
M98-1661	4	1	1	5	6	3	2	2
Patton	4	6	4	5	6	5		5
Caldwell	6	7	5			3	5	5

Tan spot: Brookston IN, St.Jacobs IL,
 Septoria Nodorum: Findlay OH, Carmi IL, St. Jacobs IL
 Septoria Tritici: Carmi IL, Haubstadt IN, St.Jacobs IL
 Scab: Findlay OH
 BYDV: Carmi IL
 SBMV: Sullivan IN, Urbana IL
 Leaf Rust: Keedysville MD, Wye MD, Columbia MO
 Powdery Mildew: Findlay OH, Marion OH, Keedysvill MD, Wye MD

2001 Disease Notes {1-9 scale with 1 best}

	Tan Spot	Sept Nodorum	Sept tritici	Scab	BYDV	SBMV	Leaf Rust	Powdery Mildew
M98-1661	4	4				1	5	2
Patton	4					2	3	3
Caldwell								

Tan spot: Ansonia, OH Carmi IL, St.Jacobs IL, Woodburn IN
 Septoria Nodorum: Carmi IL
 SBMV: Sullivan IN
 Leaf Rust: Haubstadt IN
 Powdery Mildew: Lafayette IN

Exhibit E.
Statement of the Basis of Applicant's Ownership

The variety for which Plant Variety Protection is hereby sought was developed by Curtis Beazer, an employee of AgriPro Wheat. By agreement between employees and AgriPro Wheat all rights to any invention, discovery, or development made by the employee while employed by AgriPro Wheat, were assigned to AgriPro Wheat, with no rights of any kind pertaining to 'Benton' being retained by the employees.

By contractual agreement the variety 'Benton' was purchased from AgriPro Wheat, a business unit of Advanta USA, Inc. in June of 1996 and is currently owned by Monsanto Company.